PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicants or agents the reference BHAGNAR/ID001	FOR FURTHER ACTION	See Form POTXPEA416				
international application No. PCTAN2004000243	internations filing date (daymoning) 11,08,2004	Priority date (day/monthly/eer) 13.08.2003				
International Patent Classification (IPC) or a E21B41.00, F23G7X8, F16K17/192	aliunal diessäcaban and IPC					
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IAP20 Rec'd PCT/PTO 13 FEB 2006

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/N2004/000243

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/IN/2004/000243

		t No. III Non-establishment of opinion with regard to novelty, inventive step and industrial dicability
1.	Tine vda	questions whether the dialmed invention appears to be novel, to involve an inventive step (to be non- ious), or to be industrially applicable have not been examined in respect of:
	П	the entire international application.
~,	3	claims Nos. 7
		because:
		the said international application, or the said claims Nos, relate to the following subject matter which does not require an international preliminary examination (specify):
	Œ	the description, claims or drawings (indicate particular elements below) or said claims Nos. 7 are so unclear that no meaningful opinion could be formed (specify):
		see separate sheet
<u>.</u> -		the claims, or said claims Nos, are so inadequately supported by the description that no meaningful opinion could be formed.
, ,		no international search report has been established for the said claims Nos.
	-П	the nucleotide and/or amino-acid-sequence listing-does not comply with the standard provided for in Annex. C of the Administrative instructions in that:
		the written form has not been furnished
		does not comply with the standard
٠.		the computer readable form. ☐ has not been furnished.
		☐ does not comply with the standard
		the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.
		See separate sheet for further details

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCTAN2004/000243

Novelty (N) Inventive step (IS) Industrial applicability (IA)	Yes: No: Yes: No: Yes: No:		. ¶.	Б			
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (SEPARATE SHEET) Imernational application No.

PCT/IN2004/000243

Re Item III

In contrast with Rule 6.2(a) PCT claim 7 relies entirely on references to the drawings. As the claim has no technical features, the scope of the claim is not defined and for this reason this claim is not allowed.

Re Item V

Document D1: US 3 222 259 which is considered the most relevant state of the art discloses a liquid seal means comprising of: a bent tube preferably of U shape with uneven arm length, and a liquid holder, one arm of the U tube being connected to the plant and the other arm connected to the liquid holder, said liquid holder having an opening at the upper portion above the level of the liquid.

The further features of claim I are new and the claim meets therefore the novelty requirement of Art. 33(2)PCT.

In the hydrocarbon plants, the gas presenting a safety hazard is collected from the entire area of the plant and burned. As this gas is very rich in hydrocarbon content, it is desirable that as much as possible of it to be recovered. However, while the gas at a relatively low pressure can be safely recovered, there is always a risk of the unexpected increase in pressure making the recovery process difficult and unsafe.

By the means of a non return valve placed in a conduit communicating between the lower portions of the liquid holder and the U-tube, the pressure in the pipe collector is continuously compared to the hydrostatic pressure of the column of liquid contained in the U-tube. When a higher pressure in the pipe collector occurs, the movement of the liquid from the U-tube in the liquid holder creates a free access way between the collector pipe and flare pipe, and consequently the

pressure in the pipe collector is maintained in safe range.

As the additionally features of claim 1 solve the posed problem and these features are not suggested in any of the documents cited in the search report, it is considered that claim 1 satisfies the criterion set forth in Art. 33(3) PCT.

Re Item VII

The following formal matters are pointed out:

The independent claims are not in the two-part form in accordance with Rule 6.3(b) PCT.

No prior art is identified in disclosure as required by Rule 5.1(a)(ii).

The features of the claims are not provided with reference signs placed in parentheses to increase the intelligibility of the claims (Rule 6.2(b)

PCT). This applies to both the preamble and characterizing portion.